

One NASA Portal: NASA's Window for the World

Jeanne Holm, Douglas Hughes
Wednesday, March 26, 2003
12:00 - 1:00 PM
Bldg. 180-101



The One NASA Portal is the new web portal to assist people in discovering the rich information resources from NASA's 43 years of space exploration and research. It is intended to facilitate access to and reuse of the knowledge gathered over the many missions of the US space agency to support future missions and to help drive innovation. It contains specific views for kids, students, educators, media and press, as well as the general public and NASA employees. It is designed to support the three emphases within NASA on improving life here, extending life to there, and finding life beyond. In this presentation, Holm and Hughes will discuss the architecture and design of the system itself, as well as the remarkable collaboration of JPL with NASA, their contractor and a private industry hosting provider in bringing the system on-line within a very short time span. See the site at <http://www.nasa.gov>

Jeanne Holm is JPL's Chief Knowledge Architect and leads NASA's Knowledge Management Team. She is also Manager of the One NASA Portal Project, within the Enterprise Development Office (954) of the Institutional Computing & Information Services (ICIS) Office. At JPL since 1984, her background in publishing scientific and technical information and creating distributed information systems has led her into finding better ways for customers to find, access, and use the knowledge created at NASA. Holm has a M.S. in Management of Information Systems from Claremont Graduate University, where she is also completing her Ph.D. Her dissertation focuses on enhancing the success of knowledge management systems through the development of knowledge architectures.

Douglas Hughes is the Senior Systems Engineer for the One NASA Portal Project and the manager for the emerging NASA internal portals. Hughes, on staff in the Earth Science Data Systems Section (381), also works with Holm on special projects and proposals, including a near real-time project management "dashboard" in collaboration with JPL's Institutional Business Systems (IBS), and serves as the Storage Service Manager for ICIS. Hughes also collaborates with Joel Wilf (382) on the Mars E-mail Project (Dear Mars), an education and outreach program focusing on MER. At JPL since 1983, his experience includes the All Source Analysis System (ASAS) project, the Alaska SAR Facility (ASF) project, the Corps Battle System (CBS) project and the emerging InsideNASA portal. Hughes holds a B.S. in Economics from the University of California, San Diego.



CSMISS IT Spotlight Series: Putting a "spotlight" on Information Technology that is significant to JPL missions.